

Amendments to the Specification:

Please amend the paragraph at page 4, lines 8-24 with the following marked-up paragraph:

Fig. 4 shows an example of the first sensor transducer actuator ~~11~~ 21 for attachment to the skin surface. CW Doppler measurements are utilised to monitor the blood flow through the heart. CW Doppler is a non-invasive technique in which ultrasonic signals from transducer elements are directed into a blood carrying vessel of a patient. Doppler shifts in the reflected signal provide an indication of the rate of blood flow. In ~~Fig. 2~~ Fig. 4, a transducer element 21 includes an ultrasonic transducer 25 attached to a positioning device 26 which can be used to initially set the position of the transducer. Between the transducer 25 and a patient's skin 27 is placed a gel coupling layer 28 for coupling the ultrasonic transducer vibrations to the skin 27. The principles of CW Doppler flow measurement are known are set out in more detail in Patent Cooperation Treaty (PCT) publication number WO 99/66835 entitled "Ultrasonic Cardiac Output Monitor" assigned to the present assignee, the contents of which are incorporated herein by cross-reference. This citation describes in more detail an ultrasonic transducer device suitable for measuring blood flow within the heart using the CW Doppler method. The teaching of the above application have been embodied in an operational form in an Ultrasonic Cardiac Output Monitor available from the assignee of the present application.